

### Amendments to the Claims

**1-19. (Cancelled)**

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**20. (Currently amended)** An isolated gene which codes for a polypeptide having an antigenicity which is ~~substantially~~ the same as that of the stem region of hemagglutinin molecule of human influenza A virus, wherein said gene encodes the amino acid sequence of SEQ ID No. 46.

**21. (Previously presented)** The isolated gene as claimed in claim 20, wherein said gene has the DNA sequence of SEQ ID No. 46.

**22. (Currently amended)** An isolated gene which codes for a polypeptide having an antigenicity which is ~~substantially~~ the same as that of the stem region of hemagglutinin molecule of human influenza A virus and lacking a globular head region of hemagglutinin molecule of human influenza A virus, wherein said gene encodes the amino acid sequence of SEQ ID No. 50 or the amino acid sequence of SEQ ID No. 58.

**23. (Previously presented)** The isolated gene as claimed in claim 22, wherein said gene is selected from a gene having the DNA sequence of SEQ ID No. 49 and a gene having the DNA sequence of SEQ ID No. 57.

**24-30. (Cancelled)**